

## 2018 CHILD NEUROLOGY SOCIETY ABSTRACTS

<b>Brain Tumors/Oncology</b>				
1	Neurologic Outcome After Proton Beam Therapy (PBT) for Posterior Fossa Tumors (PFTs) of Childhood	Sato A	Washington	DC
2	Visual Sequelae in Children with Primary Brain Tumors	Liu Y	Loma Linda	CA
<b>Cognitive/Behavioral Disorders</b>				
3	Preschool Language Outcomes Following Perinatal Hypoxic-ischemic Encephalopathy Treated with Therapeutic Hypothermia	Chin E	Baltimore	MD
4	Continuous Theta-burst Stimulation (ctBS) Measures of Cortical Plasticity Differentiate Between Children with Autism Spectrum Disorder and Neurotypical Children	Jannati A	Boston	MA
5	Regional Patterns of Alcohol-induced Neuronal Loss Depend on Genetics: Implications for Fetal Alcohol Syndrome	Todd D	Iowa City	IA
6	Atypically Altered White Matter Pathways Correlated to Language Deficit in Children with Pure Speech Delay: Preliminary Study Using Diffusion Tensor Imaging Connectome	Lee M	Detroit	MI
7	Abnormal Resting State and Response to Oddball Stimuli on Auditory ERP in Fragile X Syndrome: Potential Biomarkers	Berry-Kravis E	Chicago	IL
8	Efficacy of Fosphenytoin as First-Line Anti-epileptic for Neonatal Seizures Compared to Phenobarbital	Singh R	Springfield	MA
9	Long-term Longitudinal Cortical Thickness Changes in Autism	Zielinski B	Salt Lake City	UT
10	Infantile Tremor Syndrome: A Neurocutaneous Syndrome of Infantile B12 Deficiency ?	Chaudhary H	Chandigarh	INDIA
11	Developmental Outcomes in Children with Infantile Tremor Syndrome- A Neuro-cutaneous Syndrome of Infantile Vitamin B-12 Deficiency ?	Khumanthem J	Imphal City	MANIPUR
12	Primary Stabbing Headache in Children and Adolescents	Mandel G	Cleveland	OH
<b>Critical Care</b>				
13	Reduction of Pentobarbital Continuous Infusion Use after Implementation of Refractory Status epilepticus Protocol	Garrity L	Cincinnati	OH
14	Acute Injury in Deep Gray Matter and Hippocampus Correlates with Poor Outcomes in Children after Cardiac Arrest	Smith A	St. Louis	MO
15	Evolution of Cerebral Blood Flow Velocity after Pediatric Cardiac Arrest and Correlation with Neurologic Outcome	Kurz J	Chicago	IL
16	Early Quantitative Electroencephalogram Measurements Correlate with Outcome in Pediatric Cardiac Arrest	Benedetti G	Chicago	IL
17	Presenting Characteristics and Outcomes in Moderate to Severe Pediatric Traumatic Brain Injury: Blunt versus Penetrating Trauma	Peariso K	Cincinnati	OH
18	Inter-rater Reliability of a New Pediatric Modification to the "Glasgow Coma Scale at 40" in the Pediatric Intensive Care Unit	Kirschen M	Philadelphia	PA

19	Evaluation of ONSD and TCD as Non-Invasive Methods to Evaluate Intracranial Pressure in Children Admitted to the Pediatric ICU	Sharawat I	Chandigarh	INDIA
20	Continuous EEG Monitoring in Extracorporeal Membrane Oxygenation in the Pediatric and Neonatal Intensive Care Unit	DiBacco M	Boston	MA
<b>Demyelinating Disorders</b>				
21	Scope and Burden of Non-Standard of Care Hematopoietic Stem Cell Transplantation in Pediatric Leukodystrophy Patients	Bonkowsky J	Salt Lake City	UT
22	Central and Peripheral Dismyelination in a 3-year-old Girl with Ring Chromosome 18	Lammert D	Syracuse	NY
23	The Adaptation of Families of Children with Pediatric Onset Multiple Sclerosis	Harris Y	Birmingham	AL
24	Joint Position Sense Testing in Toddlers	Gray E	Ann Arbor	MI
25	Missing Minority Patient Diagnoses for Leukodystrophies	Urbik V	Salt Lake City	UT
26	Online versus in Person Research Consenting for an Outcomes Based Pediatric Neuroimmune Disorder Study	Plumb P	Dallas	TX
27	Fulminant Acute Disseminated Encephalomyelitis Associated with Increased Intracranial Pressure: Presentation of Four Cases	Wang C	Dallas	TX
<b>Epilepsy</b>				
28	Adverse Effects Associated with Anti-seizure Management of Electrographic Seizures in Critically Ill Children	Fung F	Philadelphia	PA
29	Electrographic Characteristics of Seizures in Critically Ill Children Undergoing Continuous EEG Monitoring	Fung F	Philadelphia	PA
30	sZAP: Implementation of a Standardized Seizure Action Plan to Improve Communication and Parental Education	Neville K	Ann Arbor	MI
31	The Evolution to an Outpatient Overnight Epilepsy Monitoring Unit	Fisher B	Chicago	IL
32	Long-term Safety and Efficacy of Cannabidiol (CBD) in Patients with Lennox-Gastaut Syndrome (LGS): Results of the Open-label Extension (OLE) Trial (GWPCARE5)	Thiele E	Boston	MA
33	Visualizing the Seizure Onset Zone with Granger Causality: Use with Stereotactic Electroencephalography (sEEG) to Enhance Intraoperative Decision Making	Pearl P	Boston	MA
34	Impact of Mutation Status on Seizure Outcomes in Patients with Tuberous Sclerosis Complex (TSC) Treated in the EXIST-3 Study	Yapici Z	Istanbul	TURKEY
35	Efficacy and Safety of Everolimus Based on Prior and Concomitant Antiepileptic Drugs in Patients with Tuberous Sclerosis Complex (TSC)-Associated Treatment-refractory Seizures: Subanalysis of the Phase 3 EXIST-3 Study	Franz D	Cincinnati	OH
36	Modeling an mTORopathy with Patient iPSC-derived Cortical Organoids	Dang L	Ann Arbor	MI
37	Staring Spells in the New Onset Seizure Clinic: Epilepsy and Other Diagnoses	Kim S	Decatur	GA
38	Seizure Outcome after Epilepsy Surgery in Children with Intractable Epileptic Spasms: Report of 33 Cases	Erdemir G	Cleveland	OH
39	Neuronavigated Transcranial Magnetic Stimulation (nTMS) Reveals Distinct Corticospinal Maturational Trajectories in Boys and Girls with Focal Epilepsy	Kaye H	Boston	MA

40	Evaluation of the Response of Different Anti-epileptic Drugs in Children with SCN2A-related Epilepsy	O'Connor J	Wilmette	IL
41	Implementation of an Infantile Spasms Clinical Pathway Improved Utilization of Standard Treatment and Adherence to Recommended Follow-up Without Overburdening Caregivers	Messer R	Aurora	CO
42	Cannabidiol (CBD) Treatment Effect and Adverse Events (AEs) by Time in Patients with Lennox-Gastaut Syndrome (LGS): Pooled Results from 2 Trials	Wirrell E	Rochester	MN
43	Impact of Prior Authorization of AEDs on Children with Epilepsy	Wirrell E	Rochester	MN
44	Incidence of Treatment-emergent Adverse Events According to Baseline Antiepileptic Drug Use: A Pooled Analysis of Data from Phase II/III Trials of Adjunctive Eslicarbazepine Acetate in Children	Wirrell E	Rochester	MN
45	Cognitive, Linguistic, and Behavioral Characteristics of Children with Autism Spectrum Disorder and Epilepsy	Kalsner L	Farmington	CT
46	Accuracy of Recognition of Psychogenic Nonepileptic Versus Epileptic Seizures Based on Semiology	Birca V	Montreal	QC
47	Maintenance of Long-Term Safety and Efficacy of Cannabidiol (CBD) Treatment in Dravet Syndrome (DS): Results of the Open-Label Extension (OLE) Trial (GWPCARE5)	Laux L	Chicago	IL
48	Canadian Youth with Epilepsy: Time Spent on Physical Activity, Sedentary Screen-time and Sleep During 24 Hours	Ronen G	Hamilton	ON
49	Long-term Efficacy and Safety of Everolimus Among Pediatric Patients with Tuberous Sclerosis Complex (TSC) and Treatment-refractory Seizures: Final Analysis of the EXIST-3 Study	Hertzberg C	Berlin	GERMANY
50	Paediatric Epilepsy Transition: Perspectives from a UK Neurology Tertiary Centre	Robb T	Bristol	UNITED KINGDOM
51	Defining the Virtual Patient-Centered Medical Home	Nuss S	Boston	MA
52	Analysis of 2833 Individuals Reveals a Delay in the Utilization of Genetic Testing for Many Patients with Infantile-onset Epilepsies	McKnight D	Gaithersburg	MD
53	Safety and Tolerability of Adjunctive Eslicarbazepine Acetate in Pediatric Patients with Focal (Partial-Onset) Seizures	Mintz M	Voorhees	NJ
54	Clinical and Therapeutic Profile of Patients with West Syndrome	Chavez -Castillo M	Guadalajara	MEXICO
55	Modeling Epilepsy Due to DEPDC5 Mutations using Cortical Neurons Generated from Patient-derived Induced Pluripotent Stem Cells	Kozek L	Nashville	TN
56	Registry Question Development for a Pediatric Epilepsy Learning Health System	Grinspan Z	New York	NY
57	Unsupervised Classification and Analysis of Interictal Ripples in Scalp EEG as a Noninvasive Biomarker of Pediatric Epilepsy	Sumsky S	Hartford	CT

<b>Genetics</b>				
58	Phenotypic Variation in AFG3L2-associated Disorders	Pierson T	Los Angeles	CA
59	Abnormal Microglia and Enhanced Inflammation-Related Gene Transcription in Mice with Conditional Deletion of Ctf in Camk2a-Cre-Expressing Neurons	McGill B	St. Louis	MO
60	Nusinersen Experience in Individuals with Spinal Muscular Atrophy (SMA) Type III: A Case Series	Chiriboga C	New York	NY
61	Pharmacological Treatment of Rett Syndrome with Lovastatin	Djukic A	Bronx	NY
62	Long-term Safety and Efficacy of Intracerebroventricular Enzyme Replacement Therapy with Cerliponase Alfa in Children with CLN2 Disease: Two Year Results from an Ongoing Multicenter Extension Study	de los Reyes E	Columbus	OH
63	Deep Phenotypic Characterization of Patients with SYNGAP1 Mutations	Jimenez-Gomez A	Houston	TX
64	Developmental Outcomes in KCNT1-related epilepsy: Genotype/Phenotype Correlations	Lee B	Rochester	NY
65	Whole Genome Sequencing in Persistently Unsolved White Matter Disorders	Helman G	Melbourne	AUSTRALIA
66	Epilepsy and Other Comorbidities in Children with SCN2A and GRIN2B Pathogenic Variants	Golbeck E	Chicago	IL
67	Development of an Amish Genetic Disease Panel	Wiznitzer M	Cleveland	OH
68	Yield of Genetic Testing Including Targeted Gene Panel in a Clinical Population of Children with Autism Spectrum Disorder	Kalsner L	Farmington	CT
69	Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay: Expanding the Phenotypic Spectrum from a Clinician's Perspective	Kayani S	Dallas	TX
70	The Clinical Spectrum of Segmental Neurofibromatosis in Children and Adolescents	Moodley M	Cleveland	OH
71	Diffusion Tensor Imaging Abnormalities in Patients with Developmental Delay	Machie M	Dallas	TX
72	Apolipoprotein E ε2-4 Polymorphism in the Etiology of Perinatal Ischemic Stroke	Čeri A	Zagreb	CROATIA
73	Discovery of Novel Recessive Genes in a Consanguineous Cohort Using Genotype-phenotype Correlations	Martin K	Burlington	VT
74	Prospective Whole Genome Sequencing in Pediatric White Matter Disorders	Vanderver A	Philadelphia	PA
75	Spontaneous Double Strand Breaks as a Biomarker of Neuropathology in Ataxia-telangiectasia	Gilmore E	Cleveland	OH
<b>Headache/Migraine</b>				
76	Concussion Academy Skills Training (CAST) Program: A Spoke-and-Wheel Model for Community Provider Concussion Training	Strelzik J	Washington	DC
77	Glossopharyngeal Nerve Injury Following Tonsillectomy	Strelzik J	Washington	DC
78	Intravenous Dihydroergotamine Associated Chest Pain in Pediatric Headache Patients	Fridinger S	Philadelphia	PA
79	Child Neurology Society Survey of Practitioners on Management of Pediatric Post-traumatic Headache	Pearson R	Orange	CA
80	Association Between Migraine And Pediatric Ischemic Stroke: National Perspective on Gender and Racial Differences	Patel R	Jackson	MS
81	Neurological and Psychological Vulnerabilities in Pediatric Celiac Disease	Parker M	Washington	DC

82	Ondansetron For Acute Migraine in the Pediatric Emergency Department	Talai A	Chicago	IL
83	Fluoroscopy-Guided Sphenopalatine Ganglionic Blockade for Migraine in a Pediatric Patient	Chinthaparthi S	Jackson	MS
84	The Value of Education Workshops for Patients and Families in the Management of Pediatric Headache	MacGregor D	Toronto	ON
<b>Infections/Neuroimmunology</b>				
85	Vascular Complications Among Children and Adolescents with Acute Complicated Sinusitis	Troy E	Denver	CO
86	Six-month Neurodevelopmental Outcomes of Apparently Normal Newborns from Zika Virus Positive Pregnancies	Mulkey S	Washington	DC
87	Rituximab use in Youth with Persistently Myelin Oligodendrocyte Glycoprotein Antibody Positive Relapsing Neuroinflammation	Albassam F	Toronto	ON
88	Neuropsychological Outcome in Children with Opsoclonus Myoclonus Ataxia (OMA)	Balasa A	Houston	TX
89	Extreme Delta Brush and Distinctive MRI Findings in a Pediatric Case of Autoimmune GFAP Astrocytopathy	Theroux L	Charlottesville	VA
90	Regional Differences in Astrocytes Underlie Patterns of Neuropathology in Congenital LCM Virus Infection	Klein H	Iowa City	IA
91	How Well Do We Know Gradenigo? A Case Report, Literature Review, and Diagnostic Guidance for Gradenigo's Syndrome	McLaren J	Boston	MA
92	Application of the New Pet Radiotracer 18F-GE180 to Image Neuroinflammation in Children	Chugani H	Wilmington	DE
93	Etiology and Clinical Profiles of Pediatric Encephalitis in Myanmar: A Prospective Study	Crockett C	Saint Louis	MO
94	Autoimmune Glial Fibrillary Acidic Protein Astrocytopathy Following Herpes Simplex Virus Encephalitis in a Pediatric Patient	Maureen H	Houston	TX
95	Late Diagnosis of Neurologically Significant Congenital CMV by PCR on Dried Blood Spots	Lutz K	Iowa City	IA
96	Utility of Standardized Outcomes Measures for anti-NMDAR Encephalitis	Wells E	Washington	DC
<b>Movement Disorders</b>				
97	Propranolol Relieves L-Dopa-Induced Dyskinesias in Parkinsonian Mice	Shi Z	New Haven	CT
98	Decreased Frontal Cortex Mediated Motor System Regulation in Tourette Syndrome	Bruce B	Cincinnati	OH
99	A Balance Between Striatal Dopamine and Acetylcholine is Necessary for Motor Function in Parkinsonism	McKinley J	New Haven	CT
100	Home-Based, Therapist-Assisted, Therapy for Young Children with Primary Complex Motor Stereotypies	Singer H	Baltimore	MD
101	'Figure of Eight' and Complex Motor Stereotypies Following a Prenatal Cerebellar Stroke	Dean S	Rochester	NY
102	Polysomnographic Abnormalities in Children with Tourette Syndrome/Chronic Tic Disorder	Rizkala A	Columbus	OH

103	Patient and Caregiver Experience With Pantothenate Kinase-Associated Neurodegeneration (PKAN)	Escolar M	Pittsburgh	PA
104	The FOSmetpantotenate Replacement Therapy (FORT) Pivotal Trial: Utilization of a Novel Primary Efficacy Outcome in Patients with Pantothenate Kinase-Associated Neurodegeneration (PKAN)	Greblikas F	San Diego	CA
105	Efficacy and Safety of OnabotulinumtoxinA for the Treatment of Pediatric Lower Limb Spasticity: Primary Results	Kim H	New York	NY
106	KCNQ2 Epileptic Encephalopathy Related Movement Disorders	De la Torre A	Chicago	IL
107	Management of Sleep Problems Helps Improve Tic Control in Children with Tourette Syndrome/Chronic Tic Disorder	Ghosh D	Columbus	OH
108	A Prospective, Multicenter, Observational Study to Evaluate the Effectiveness and Safety of AbobotulinumtoxinA in Pediatric Lower Limb Spasticity: Patient Demographics	Gormley M	Saint Paul	MN
109	Efficacy and Safety of OnabotulinumtoxinA for the Treatment of Pediatric Upper Limb Spasticity: Primary Results	Fehlings D	Toronto	ON
<b>Neonatal Neurology</b>				
110	Long-term Decreases in N-acetylaspartate after Perinatal Brain Injury Results from Altered de novo Synthesis	Scafidi J	Washington	DC
111	SSRI/SNRI-exposed Neonates Treated with Total Body Cooling for Neonatal Encephalopathy Require Objective Evaluation	Ritacco D	Chicago	IL
112	Epilepsy Outcome at 3 years of Age in Newborns with Acute Neurologic Presentations	Anwar T	Washington	DC
113	Treatment Approach for Neonates with Acute Symptomatic Seizures Influences Length of Hospital Stay	Glass H	San Francisco	CA
114	High Glucose Results in Decreased Glutamate-stimulated Lactate Release in Astrocytes During Glucose Deprivation	Meyers N	Milwaukee	WI
115	EEG Monitoring and Seizure Characteristics of the Neonatal Seizure Registry Cohort of Neonates with Severe Cardiopulmonary Disease	Massey S	Philadelphia	PA
116	Seizure Management and Medication Efficacy in the Neonatal Seizure Registry Cohort of Neonates with Severe Cardiopulmonary Disease	Massey S	Philadelphia	PA
117	Among Children Born Extremely Preterm, A Higher Level of Circulating Neurotrophins is Associated with Lower Risk of Cognitive Impairment at School Age	Kuban K	Boston	MA
118	A Retrospective Analysis of EEG Background Patterns and Clinical Data in Encephalopathic Neonates Treated with Hypothermia	Fajardo M	Miami	FL
119	The Use of Rapid Sequence MRI in Neonates with Seizures	Czech T	Chicago	IL
120	Spectral Properties of Electroencephalograph Differentiate Among Patterns of MRI Injury in Neonatal Encephalopathy	Jain S	St. Louis	MO
121	Fetal Neurology Consultations at a Tertiary Care Center: Neonatal Outcome of Commonly Seen Conditions	Arroyo M	Cincinnati	OH
122	DTI in Neonatal Hypoxic Ischemic Injury: Association with Early Outcomes	Carrasco M	Baltimore	MD

123	Autism and Prematurity: Is There a Link ?	Allen L	Ramt Gan	ISRAEL
124	Deep Medullary Venous Thrombosis in Term Neonates: A Coagulation Workup Study	David H	Los Angeles	CA
125	Associations Between Age and Sleep Apnea Risk Among Newborn Infants	Matlen L	Ann Arbor	MI
126	Clinical, Neuroimaging, and Electrophysiological Predictors of Phenobarbital Failure in Neonates with Hypoxic Ischemic Encephalopathy (HIE) and Associated Symptomatic Seizures	Dwivedi D	Cincinnati	OH
<b>Neuroimaging</b>				
127	Longitudinal Metabolite Changes after Traumatic Brain Injury: Prospective MRSI Study in a Pediatric Population	Ashwal S	Loma Linda	CA
128	Predicting Ischemic Risk using Blood Oxygen Level Dependent (BOLD) MRI Cerebrovascular Reactivity in Children with Steno-occlusive Arteriopathy	Dlamini N	Toronto	ON
129	Preliminary Magnetoencephalography (MEG) Findings of Somatosensory Gating Using Dual-Pulse Sensory Tactile Stimulation in Dystonic Children with Basal Ganglia Stroke	Dlamini N	Toronto	ON
130	Longitudinal Trajectory of Metabolic Connectivity in Pediatric Brain Networks	Kim J	Rochester Hills	MI
131	Yield of Emergent Neuroimaging in Patients with Sturge-Weber Syndrome Presenting with Acute Neurological Symptoms	Julich K	Boston	MA
132	A Longitudinal Analysis of Early Brain Lesion Volumes in Patients with Progressive Cerebral Adrenoleukodystrophy	Mallack E	New York City	NY
133	Cortical Asymmetries of Glucose Metabolism Depend on Age and Region in the Developing Human Brain	Juhasz C	Detroit	MI
134	Cerebellar Radiological Abnormalities in Children with Neurofibromatosis Type 1 (NF1): A Natural History Study	Salman M	Winnipeg	MB
135	Yield of Etiologic and Actionable Findings of Sedated MRI of the Brain in Young Children with New Onset Seizure or Global Developmental Delay: An Interim Analysis of Results and Clinical Predictors	Herring R	Houston	TX
<b>Neuromuscular Disorders</b>				
136	AVXS-101 Phase 1 Gene Therapy Clinical Trial in Spinal Muscular Atrophy Type 1 (SMA1): Event-free Survival and Achievement of Developmental Milestones	Mendell J	Columbus	OH
137	AVXS-101 Trial Experience: CHOP-INTEND Effectively Quantifies Early, Rapid, and Sustained Improvements that Precede Subsequent Milestone Achievement but is not Sensitive to Continued Advances in Motor Function in Infants with SMA Type 1	Lowes L	Columbus	OH
138	Pulmonary Function in Patients With Advanced Duchenne Muscular Dystrophy: Eteplirsen-Treated Patients Compared With Multiple Natural History Cohorts	Gordish-Dressman H	Washington	DC
139	FIREFISH Part 1: Early Clinical Results Following a Significant Increase of SMN Protein in SMA Type 1 Babies Treated with RG7916	Baranello G	Milan	ITALY
140	Diagnosis of Patients with Duchenne Muscular Dystrophy (DMD): Results from a Global Survey of Healthcare Providers from Nine Countries	Narayanan S	South Plainfield	NJ

141	Time to Motor Function Response Among Nusinersen-Treated Infants from the ENDEAR Study	Kuntz N	Chicago	IL
142	Golodirsen Induces Exon Skipping Leading to Sarcolemmal Dystrophin Expression in Patients With Genetic Mutations Amenable to Exon 53 Skipping	Frank D	Cambridge	MA
143	JEWELFISH: RG7916 Increases SMN Protein in Patients with SMA that have Previously Received Therapies Targeting SMN2 Splicing	Chiriboga C	New York	NY
144	Psychosocial Influences in Access to Care for Patients with Duchenne Muscular Dystrophy	Pimentel N	Los Angeles	CA
145	Rapid Therapeutic Response to Spinraza in SMA3 Patients	Acsadi G	Farmington	CT
146	Nusinersen in Infants Who Initiate Treatment in a Presymptomatic Stage of Spinal Muscular Atrophy (SMA): Interim Efficacy and Safety Results From the Phase 2 NURTURE Study	Crawford T	Baltimore	MD
147	Effect of Repeat AbobotulinumtoxinA Injections on Gait in Children with Dynamic Equinus Foot Due to Cerebral Palsy	Dursun N	Istanbul	TURKEY
148	Paroxysmal Hemiplegia and Mitochondrial Dysfunction in a Patient with Autosomal Recessive Spastic Ataxia of Charlevoix Saguenay (ARSACS)	Hunter S	Chapel Hill	NC
149	SUNFISH Part 1: RG7916 Treatment Results in a Sustained Increase of SMN Protein Levels and the First Clinical Efficacy Results in Patients with Type 2 or 3 SMA	Mercuri E	Rome	ITALY
150	RG7916 Distributes and Increases SMN Protein Levels in Both the Central Nervous System and Peripheral Organs	Poirier A	Basel	SWITZERLAND
151	Experience with Glucocorticoid Therapy in Boys with Duchenne Muscular Dystrophy from North India: A Prospective Cohort Study	Suthar R	Chandigarh	INDIA
152	Scoliosis is Negatively Associated with Motor Function in Children with Later-Onset SMA Type II	Dunaway Young S	New York	NY
153	AVXS-101 Phase 1 Gene Therapy Clinical Trial in Spinal Muscular Atrophy Type 1 (SMA1): Improvement in Respiratory and Bulbar Function Reduces Frequency and Duration of Hospitalizations Compared to Natural History	Shell R	Columbus	OH
154	Comparison of Conservative Therapy and Steroid Therapy for Bell's Palsy in Children	Kim Y	Busan	KOREA
<b>Rare Diseases</b>				
155	Classification of Mutations in TUBB4A: A New Spectrum of Disease	Charsar B	Philadelphia	PA
156	Practice Patterns and Knowledge of Spinal Muscular Atrophy Care Among Pediatricians and Neurologists	Finnegan T	New York	NY
157	Safety and Efficacy of Intrathecal Delivery of Recombinant Human Arylsulfatase A in Children with Late-infantile Metachromatic Leukodystrophy	Giugliani R	Porto Alegre	BRAZIL
158	Intrathecal Delivery of Recombinant Human Arylsulfatase A in Children with Late-infantile Metachromatic Leukodystrophy: A Post Hoc Analysis of Responders and Non-responders	Giugliani R	Porto Alegre	BRAZIL



159	Central Nervous System Structural, Neurologic, and Psychiatric Consequences of Very Short Telomeres	Bhala S	Rockville	MD
160	ICV-administered BMN 250 (NAGLU-IGF2) is Well Tolerated and Reduces Heparan Sulfate Accumulation in the CNS of Subjects with Sanfilippo Syndrome Type B (MPS IIIB)	Muschol N	Hamburg	GERMANY
161	A Neurologic Quality of Life Study in 22 Pediatric Patients with Sturge-Weber Syndrome	Harmon K	Baltimore	MD
162	Intramyocellular Lipid Excess in the Mitochondrial Disorder MELAS: MRS Determination at 7T	Golla S	Dallas	TX
163	Natural History Data for Young Subjects with Sanfilippo Syndrome Type B (MPS IIIB)	Okur I	Ankara	TURKEY
164	White Matter and Deep Grey Matter Sub-cortical Volume Variations in Childhood Moyamoya Disease	Mangone L	Pisa	ITALY
165	Propritiptyline and Severe Cataplexy in Niemann-Pick Type C1	Berry-Kravis E	Chicago	IL
166	Congenital Hypomyelinating Neuropathy (CHN) in an Infant with an Early Growth Response Gene-2 (EGR2) Mutation and Neuroblastoma	Pimentel N	Los Angeles	CA
167	Case Series: Congenital Zika Virus Infection Associated with Epileptic Spasms	Rodriguez J	San Juan	PUERTO RICO
168	Defining Disrupted Nighttime Sleep in Pediatric Narcolepsy	Maski K	Boston	MA
169	Monitoring Neuropsychological Function in CLN2 Disease	Augustine E	Rochester	NY
170	Rare Case of a Child Presenting with Diffuse Intracranial Erdheim Chester Disease	Thamann A	Louisville	KY
171	Utilization of Wearable Technology to Characterize the Natural History of Leukoencephalopathy with Brainstem and Spinal Cord Involvement and Lactate Elevation - A Virtual Study	Smith A	Baltimore	MD
172	Sodium Oxybate Treatment of Narcolepsy in Pediatric Patients: Long-term Efficacy and Safety	Wang Y	Palo Alto	CA
173	The Yeast Protein NDI1 Prolongs Life in a Murine Model of Leigh Syndrome	McElroy G	Chicago	IL
174	Natural History Study of Succinic Semialdehyde Dehydrogenase (SSADH) Deficiency	DiBacco M	Boston	MA
<b>Stroke</b>				
175	Outcome Trajectories of Perinatal Intracerebral Hemorrhage	Porcari G	Nashville	TN
176	Potential Eligibility for Hyperacute Treatment in Childhood Acute Arterial Ischemic Stroke: Findings from a Single-center 12-year Cohort Study	Hutchinson M	Philadelphia	PA
177	Mechanical Thrombectomy & Catheter Directed Thrombolysis in Children with Severe Cerebral Sinus Venous Thrombosis (CSVT) and Underlying Autoimmune Disease	Tilley J	Fort Worth	TX
178	Outcome Severity Assessment with the Pediatric Stroke Outcome Measure (PSOM): Validation of a Novel Classification System	Slim M	Toronto	ON
179	Cortical Thickness and Cerebrovascular Reactivity in Children with Moyamoya Disease	Morgan B	Toronto	ON
180	Post-stroke Headache in Children: Prevalence, Characteristics and Association with Stroke Recurrence	Chelse A	Chicago	IL
181	Stroke after Cardiac Catheterization in Children	Salussolia C	Boston	MA

182	Quantitative Arterial Tortuosity: A Biomarker of Occult Arteriopathy in Pediatric Patients with Arterial Aneurysm	Taylor M	Cincinnati	OH
183	Assessment of Blood-brain Barrier Disruption in a Photothrombotic Juvenile Rodent Stroke Model using Histology & Permeability MRI	Honarvar F	Toronto	ON
184	Pervasive Motor Deficits Beyond Lesioned Hemisphere in Pediatric Arterial Ischemic Stroke	Ryan K	Memphis	TN
<b>Teaching of Child Neurology</b>				
185	Global Health Collaborations and Education in Child Neurology and Neurodevelopmental Disabilities: A Descriptive Study	Jimenez-Gomez A	Houston	TX
186	Developing a Sustainable Model for Child Neurology Services in Malawi	Balasa A	Houston	TX
187	Time is Brain for Kids Too: Using Simulation as a Tool in Pediatric Stroke Education	Novara S	Birmingham	AL
188	Prevalence and Predictors of 30-day Readmission among Pediatric Patients with Neurological Disorders	Benwait J	Boston	MA
189	Inpatient Pediatric Neurology Structure and Challenges: A Survey of the Professors of Child Neurology	Palaganas Heath J	Boston	MA
190	Pediatric Neurology Outpatient Clinic Flow	Rashid S	Birmingham	AL
191	Integrative Medicine in Child Neurology: What do Providers Think and What do they Want to Learn ?	Sandoval Karamian A	Palo Alto	CA
192	Identifying Gaps in Education in Child Neurology for Pediatric Residents at a Quaternary Care Academic Hospital	Rahman A	Los Angeles	CA
<b>Translational/Experimental Therapeutics</b>				
193	Sex Differences in ER $\alpha$ Mediated Neuroprotection Following Neonatal Hypoxic Ischemic Encephalopathy (HIE): Ligand Dependent or Non-dependent	Zafer D	Madison	WI
194	Autonomic Effects of VNS During Sleep and Potential Implications for OSA	Wang L	Cincinnati	OH
195	Effect of Hypothermia on Interleukin-1 Receptor Antagonist Pharmacodynamic Parameters in Inflammatory-sensitized Hypoxic-ischemic Encephalopathy of Term Newborns	Chevin M	Montreal	QC
196	Mild Hypothermia Ameliorates Neurotoxicity of Anesthesia in the Neonatal Brain	Ikonomidou C	Madison	WI
197	Synthetic Corticotropin Therapy Reduces Microglial Activation in a Rodent TBI Model	Ashwal S	Loma Linda	CA
198	Clinician Awareness of Brain Computer Interfaces and Eligible Pediatric Populations	Létourneau S	Toronto	ON
<b>ACNN</b>				
199	Implementation of Intimate Partner Violence Education for Adolescents with Spina Bifida	Levin-Decanini T	Pittsburgh	PA
200	Camurati-Engelmann Disease Mimicking as Myopathy	Laine R	Boston	MA
201	Investigation into Perceptions, Policies and Behaviors Toward Seizure Management in Schools+B203	Raman L	Atlanta	GA
202	Different Strokes for Different Folks: Recognizing Childhood Stroke	Simmons-Reardon L	Boston	MA
203	Pediatric Headache and Use of the PedMIDAS	Livingston R	Richmond	VA
204	Planned EEG Admissions: Good...Better...We Can Be the BEST!	Keel C	Washington	DC

205	Care of Pediatric Patients with Psychogenic Non-Epileptic Seizures (PNES), A Review of Recent Literature and Best Practice Recommendations	Paris A	Boston	MA
<b>Late Breaking</b>				
206	Novel KCNT1 Inhibitors Identified Through Comprehensive High-Throughput Drug Repurposing Screening	Stewart G	Minneapolis	MN
207	Bipolar Disorder (BPD) is a Developmentally-based Neural "Network-opathy" More So Than a Mood Disorder	Pernia C	La Jolla	CA
208	Damaging Genomic Variants Constitute a Major Risk Factor for Cerebral Palsy	Kruer M	Phoenix	AZ
209	Improving the Diagnostic Accuracy of Acute Flaccid Myelitis	Elrick E	Baltimore	MD
210	Utility of a Pediatric Headache Infusion Service in Preventing ED Visits and Inpatient Admissions	MacDonald S	Dayton	OH